Unit 11 : Tables and Graphs

Friendly Notes

Picture Graphs, Bar Graphs, and Line Plots

We can present data using picture graphs,
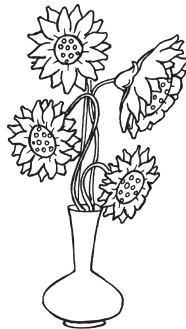bar graphs, or line plots.
Pictures are used to show data in picture graphs.
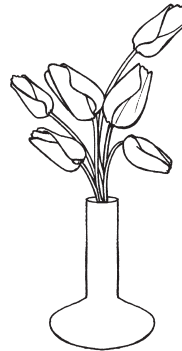Bars are used to show data in bar graphs.
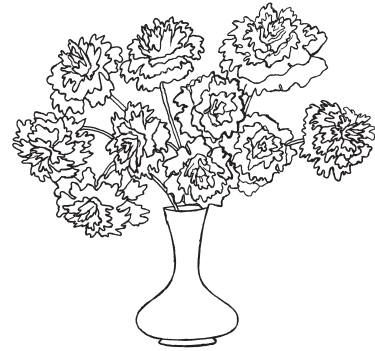
Count each type of flower shown.

Roses   Sunflowers   Tulips   Carnations
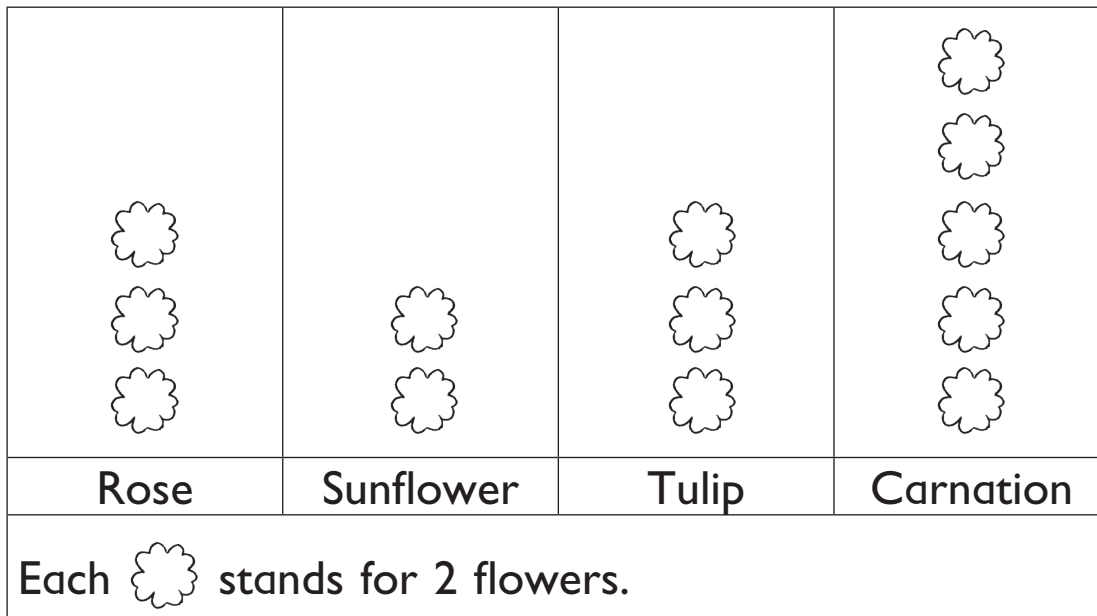
We can tally as we count, and write the tally
marks in a chart.

Flower	
Rose	//// /
Sunflower	////
Tulip	//// /
Carnation	//// ////

Primary Mathematics (Common Core Edition) Extra Practice 2

The picture graph below shows the number of each type of flower.

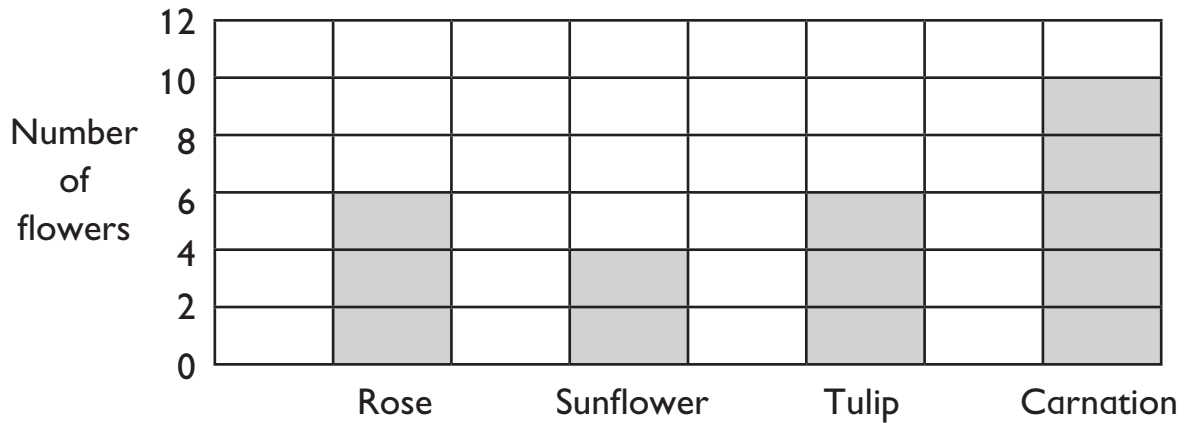| Rose	Sunflower	Tulip	Carnation

Each 🌸 stands for 2 flowers.

From the graph we can get the following information.
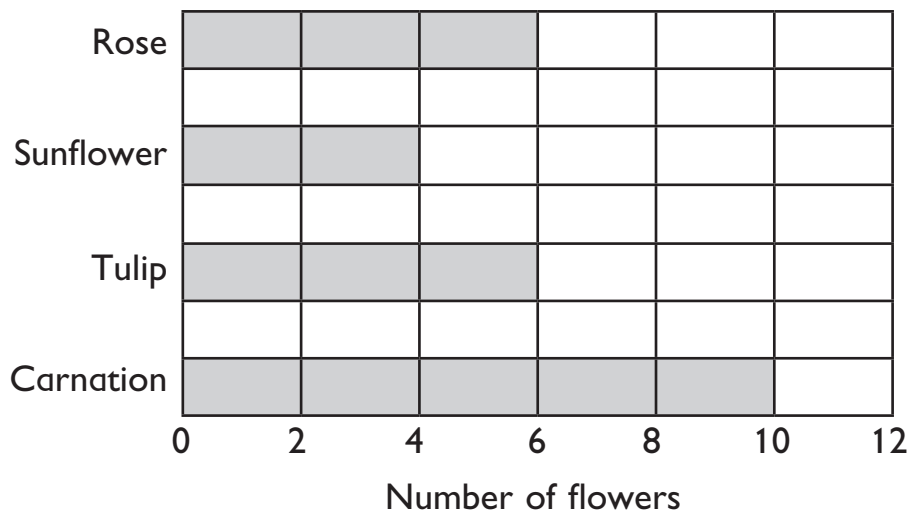
(a) Each 🌸 stands for 2 flowers.

(b) There are 6 roses.

(c) There are 4 sunflowers.

(d) There are 6 tulips.

(e) There are 10 carnations.

(f) There are 2 fewer sunflowers than roses.

(g) There are 4 more carnations than tulips.

(h) There are as many roses as tulips.

(i) There are 26 flowers altogether.

The bar graphs below show the number of each type of flower.
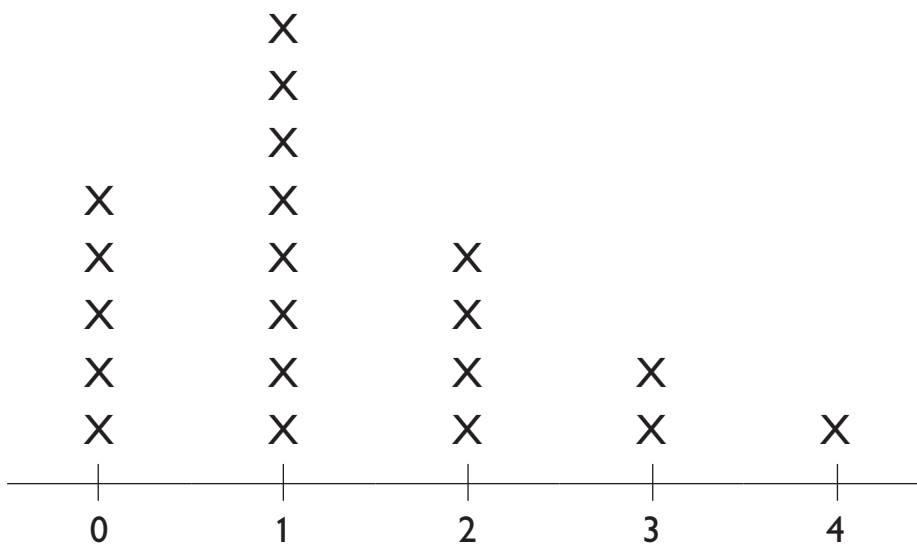
(a) Vertical bar graph

(b) Horizontal bar graph

The table below shows the number of each type of flower.

Flower	Rose	Sunflower	Tulip	Carnation
Number of flowers	6	4	6	10

We can also use a line plot to record data.

The line plot below shows the number of siblings a group of children have.

```
                    X
                    X
                    X
      X             X
      X             X             X
      X             X             X
      X             X             X             X
      X             X             X             X             X
  ────┼─────────────┼─────────────┼─────────────┼─────────────┼────
      0             1             2             3             4
```

From the line plot, we can get the following information.

(a) Most children have 1 sibling.

(b) The least number of children have 4 siblings.

(c) There are a total of 20 children in the survey.